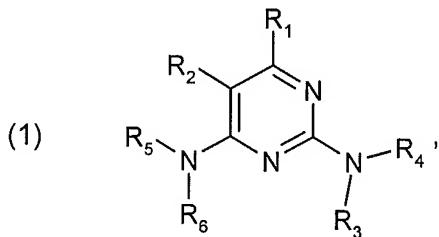


In the claims:

Claims 1-42 (cancelled).

43. (new) A method for the antimicrobial treatment of a surface of a plastic, which method comprises contacting said surface of a plastic with a surface coating composition containing an antimicrobially effective amount of a 2,4-bis(alkylamino)pyrimidine of formula



wherein

R₁ is methyl,

R₂ is hydrogen,

R₃ is hydrogen,

R₄ is butyl, amyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl or dodecyl and

R₅ and R₆ together form a pyrrolidine, piperidine or morpholine ring;

or

R₁ is methyl,

R₂ is hydrogen,

R₃ and R₄ together form a pyrrolidine, piperidine or morpholine ring,

R₅ is hydrogen and

R₆ is butyl, amyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl or dodecyl;

or

R₁ is methyl,

R₂ is straight chain C₃-C₈alkyl,

R₃ and R₅ are hydrogen,

R₄ is butyl, amyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl or dodecyl and

R₆ is di-C₁-C₆alkylamino-C₁-C₆alkyl, mono-C₁-C₆alkylamino-C₁-C₆alkyl, or -(CH₂)₂-(O-(CH₂)₂)₁₋₂-NH₂.

44. (**new**) A method according to claim 43 wherein

R₁ is methyl,

R₂ is hydrogen,

R₃ is hydrogen,

R₄ is butyl, amyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl or dodecyl and

R₅ and R₆ together form a pyrrolidine, piperidine or morpholine ring;

or

R₁ is methyl,

R₂ is hydrogen,

R₃ and R₄ together form a pyrrolidine, piperidine or morpholine ring,

R₅ is hydrogen and

R₆ is butyl, amyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl or dodecyl.

45. (**new**) A method according to claim 44 wherein

R₁ is methyl,

R₂ is hydrogen,

R₃ is hydrogen,

R₄ is butyl, amyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl or dodecyl and

R₅ and R₆ together form a pyrrolidine;

or

R₁ is methyl,

R₂ is hydrogen,

R₃ and R₄ together form a pyrrolidine ,

R₅ is hydrogen and

R₆ is butyl, amyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl or dodecyl.

46. (**new**) A method according to claim 44 wherein

R₁ is methyl,

R₂ is hydrogen,

R₃ is hydrogen,

R₄ is hexyl, heptyl, octyl, nonyl or decyl and

R₅ and R₆ together form a pyrrolidine, piperidine or morpholine ring;

or

R₁ is methyl,

R₂ is hydrogen,

R₃ and R₄ together form a pyrrolidine, piperidine or morpholine ring,

R₅ is hydrogen and

R₆ is hexyl, heptyl, octyl, nonyl or decyl.

47. (new) A method according to claim 46 wherein

R₁ is methyl,

R₂ is hydrogen,

R₃ is hydrogen,

R₄ is hexyl, heptyl, octyl, nonyl or decyl and

R₅ and R₆ together form a pyrrolidine ring;

or

R₁ is methyl,

R₂ is hydrogen,

R₃ and R₄ together form a pyrrolidine,

R₅ is hydrogen and

R₆ is hexyl, heptyl, octyl, nonyl or decyl.

48. (new) A method according to claim 47 wherein

R₁ is methyl,

R₂ is hydrogen,

R₃ is hydrogen,

R₄ is octyl and

R₅ and R₆ together form a pyrrolidine ring;

or

R₁ is methyl,

R₂ is hydrogen,

R₃ and R₄ together form a pyrrolidine,

R₅ is hydrogen and

R₆ is octyl.

49. (**new**) A method according to claim 43 wherein

R₁ is methyl,

R₂ straight chain C₃-C₈alkyl,

R₃ and R₅ are hydrogen,

R₄ is butyl, amyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl or dodecyl

R₆ is di-C₁-C₆alkylamino-C₁-C₆alkyl, mono-C₁-C₆alkylamino-C₁-C₆alkyl, or -(CH₂)₂-(O-(CH₂)₂)₁₋₂-NH₂.

50. (**new**) A method according to claim 49 wherein

R₆ is -(CH₂)₂-(O-(CH₂)₂)₁₋₂-NH₂.

51. (**new**) A method according to claim 49 wherein

R₄ is hexyl, heptyl, octyl, nonyl, decyl.

52. (**new**) A method according to claim 50 wherein

R₄ is hexyl, heptyl, octyl, nonyl, decyl.

53. (**new**) A method according to claim 50 wherein R₂ is hexyl and R₄ is octyl.